



2488-1-012PCTUS Sequence Listing.txt

SEQUENCE LISTING

<110> Nunn, Miles Andrew

<120> Complement Inhibitors

<130> 2488-1-012PCT/US

<140> 10/558,937

<141> 2007-01-29

<150> PCT/GB2004/002341

<151> 2004-06-02

<150> GB0327386.9

<151> 2003-11-25

<150> GB0312619.0

<151> 2003-06-02

<160> 19

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 507

<212> DNA

<213> Ornithodoros moubata

<400> 1

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gaggcatatg tcctggtgag gtccacggat cccaaagcga gggactgctt gaaaggagaa 180
ccagccggag aaaagcagga caacacgttg ccggtgatga tgacgtttaa gaatggcaca 240
gactgggctt caaccgattg gacgtttact ttggacggcg caaaggtaac ggcaaccctt 300
ggtaacctaa cccaaaatag ggaagtggtc tacgactcgc aaagtcatca ctgccacgtt 360
gacaaggctc agaaggaagt tccagattat gagatgtgga tgctcgatgc gggagggctt 420
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<210> 2

<211> 168

<212> PRT

<213> Ornithodoros moubata

<400> 2

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Tyr Ala Asp Ser Glu Ser Asp Cys Thr Gly Ser Glu Pro Val Asp Ala
          20          25          30
Phe Gln Ala Phe Ser Glu Gly Lys Glu Ala Tyr Val Leu Val Arg Ser
        35          40          45
Thr Asp Pro Lys Ala Arg Asp Cys Leu Lys Gly Glu Pro Ala Gly Glu
       50          55          60
Lys Gln Asp Asn Thr Leu Pro Val Met Met Thr Phe Lys Asn Gly Thr
      65          70          75          80
Asp Trp Ala Ser Thr Asp Trp Thr Phe Thr Leu Asp Gly Ala Lys Val
          85          90          95
Thr Ala Thr Leu Gly Asn Leu Thr Gln Asn Arg Glu Val Val Tyr Asp
        100         105         110
Ser Gln Ser His His Cys His Val Asp Lys Val Glu Lys Glu Val Pro
```

[illegible][illegible]

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Ala	Leu	Ala	Asp	Cys	Pro	Thr	Gly	Lys	Pro	Thr	Asp	Ala	Tyr	Val	Ala
			20					25					30		
Phe	Asn	Glu	Gly	Gln	Gly	Ala	Tyr	Ile	Leu	Val	Lys	Ser	Thr	Asp	Leu
		35					40					45			
Asp	Ala	Arg	Asp	Cys	Leu	Lys	Gly	Ser	Ala	Thr	Gly	Lys	Lys	Glu	Gly
	50					55					60				
Asn	Lys	Val	Pro	Val	Met	Met	Ala	Phe	Lys	Asn	Glu	Gly	Gln	Trp	Val
65					70					75					80
Ser	Leu	Pro	Trp	Thr	Phe	Thr	Leu	Asp	Gly	Pro	Lys	Val	Thr	Ala	Thr
				85					90					95	
Asp	Gly	Gln	Arg	Thr	Leu	Lys	Arg	Glu	Val	Val	Tyr	Asp	Val	Ala	Ser
			100					105					110		
His	His	Cys	His	Val	Glu	Lys	Leu	Ala	Ser	Gly	Ala	Tyr	Glu	Met	Trp
		115					120					125			
Met	Leu	Glu	Ala	Gly	Gly	Leu	Glu	Val	Asp	Ile	Glu	Cys	Cys	Asn	Lys
	130					135					140				

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Lys Tyr Asp Glu Leu Thr Ser Gly Gln Val Val Ile Arg Pro Gln Asp
 145 150 155 160
 Lys Asp Cys

<210> 5
 <211> 171
 <212> PRT
 <213> Ornithodoros moubata

<400> 5
 Met Met Leu Val Leu Thr Thr Leu Ile Phe Ser Phe Ser Ala Ser Ile
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 20 25 30
 Lys Ala Phe Lys Asp Gly Ala Gly Thr Phe Leu Leu Gln Lys Ser Thr
 35 40 45
 Asp Pro Gln Ala Arg Asp Cys Leu Lys Gly Thr Pro Asn Gly Asn Arg
 50 55 60
 Asp Gly Asn Thr Leu Pro Val Thr Met Thr Tyr Lys Asp Asp Ser Lys
 65 70 75 80
 Trp Val Ser Leu Asn Trp Met Phe Thr Leu Glu Gly Ala Asn Ile Val
 85 90 95
 Ala Thr Leu Glu Gly Lys Arg Lys Gln Arg Gly Glu Leu Val Tyr Asp
 100 105 110
 Val Gln Ser His Asp Cys His Ile Thr Lys Leu Ser Ser Gly Val Tyr
 115 120 125
 Gln Gln Trp Gln Ser Asn Gly Ser Ala Asp Asp Lys Asp Ile Lys Cys
 130 135 140
 Cys Asp Glu Lys Phe Lys Glu Leu Thr Ser Gly Ile Asp Tyr Thr Lys
 145 150 155 160
 Pro Gln Glu Lys Gly Cys Glu Thr Ser Ala Lys 170

<210> 6
 <211> 168
 <212> PRT
 <213> Ornithodoros moubata

<400> 6
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 20 25 30
 Phe Gln Ala Phe Ser Glu Gly Lys Glu Ala Tyr Val Leu Val Arg Ser
 35 40 45
 Thr Asp Pro Lys Ala Arg Asp Cys Leu Lys Gly Glu Pro Ala Gly Glu
 50 55 60
 Lys Gln Asp Asn Thr Leu Pro Val Met Met Thr Phe Lys Asn Gly Thr
 65 70 75 80
 Asp Trp Ala Ser Thr Asp Trp Thr Phe Thr Leu Asp Gly Ala Lys Val
 85 90 95
 Thr Ala Thr Leu Gly Asn Leu Thr Gln Asn Arg Glu Val Val Tyr Asp
 100 105 110
 Ser Gln Ser His His Cys His Val Asp Lys Val Glu Lys Glu Val Pro
 115 120 125
 Asp Tyr Glu Met Trp Met Leu Asp Ala Gly Gly Leu Glu Val Glu Val
 130 135 140
 Glu Cys Cys Arg Gln Lys Leu Glu Glu Leu Ala Ser Gly Arg Asn Gln
 145 150 155 160
 Met Tyr Pro His Leu Lys Asp Cys

165

<210> 7
 <211> 163
 <212> PRT
 <213> Ornithodoros savignyi

<400> 7
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 20 25 30
 Phe Asn Glu Gly Lys Gly Ala Tyr Ile Leu Val Arg Ser Thr Asn Leu
 35 40 45
 Asn Ala Arg Asp Cys Leu Lys Gly Glu Ala Thr Gly Lys Lys Glu Gly
 50 55 60
 Asn Thr Leu Pro Val Met Met Ala Phe Lys Asp Glu Gly Lys Trp Val
 65 70 75 80
 Ser Leu Pro Trp Thr Phe Thr Leu Asp Gly Pro Lys Val Thr Ala Thr
 85 90 95
 His Gly Gln Arg Thr Leu Lys Gly Glu Val Val Tyr Asp Val Pro Ser
 100 105 110
 His His Cys His Ile Glu Lys Leu Glu Ser Gly Ala Tyr Asp Met Trp
 115 120 125
 Met Leu Glu Ala Gly Gly Leu Glu Val Asp Ile Glu Cys Cys Asn Lys
 130 135 140
 Arg Tyr Asp Glu Leu Thr Ser Gly Gln Val Val Ile Arg Pro Gln Asp
 145 150 155 160
 Lys Asp Cys

<210> 8
 <211> 163
 <212> PRT
 <213> Ornithodoros savignyi

<400> 8
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 20 25 30
 Phe Asn Glu Gly Gln Gly Ala Tyr Ile Leu Val Lys Ser Thr Asp Leu
 35 40 45
 Asp Ala Arg Asp Cys Leu Lys Gly Ser Ala Thr Gly Lys Lys Glu Gly
 50 55 60
 Asn Lys Val Pro Val Met Met Ala Phe Lys Asn Glu Gly Gln Trp Val
 65 70 75 80
 Ser Leu Pro Trp Thr Phe Thr Leu Asp Gly Pro Lys Val Thr Ala Thr
 85 90 95
 Asp Gly Gln Arg Thr Leu Lys Arg Glu Val Val Tyr Asp Val Ala Ser
 100 105 110
 His His Cys His Val Glu Lys Leu Ala Ser Gly Ala Tyr Glu Met Trp
 115 120 125
 Met Leu Glu Ala Gly Gly Leu Glu Val Asp Ile Glu Cys Cys Asn Lys
 130 135 140
 Lys Tyr Asp Glu Leu Thr Ser Gly Gln Val Val Ile Arg Pro Gln Asp
 145 150 155 160
 Lys Asp Cys

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<210> 9
 <211> 171
 <212> PRT
 <213> Ornithodoros moubata

<400> 9
 Met Met Leu Val Leu Thr Thr Leu Ile Phe Ser Phe Ser Ala Ser Ile
 1 5 10 15
 Ala Tyr Ala Gln Ser Gly Cys Ser Val Ser Asp Pro Leu Asp Ala Leu
 20 25 30
 Lys Ala Phe Lys Asp Gly Ala Gly Thr Phe Leu Leu Gln Lys Ser Thr
 35 40 45
 Asp Pro Gln Ala Arg Asp Cys Leu Lys Gly Thr Pro Asn Gly Asn Arg
 50 55 60
 Asp Gly Asn Thr Leu Pro Val Thr Met Thr Tyr Lys Asp Asp Ser Lys
 65 70 75 80
 Trp Val Ser Leu Asn Trp Met Phe Thr Leu Glu Gly Ala Asn Ile Val
 85 90 95
 Ala Thr Leu Glu Gly Lys Arg Lys Gln Arg Gly Glu Leu Val Tyr Asp
 100 105 110
 Val Gln Ser His Asp Cys His Ile Thr Lys Leu Ser Ser Gly Val Tyr
 115 120 125
 Gln Gln Trp Gln Ser Asn Gly Ser Ala Asp Asp Lys Asp Ile Lys Cys
 130 135 140
 Cys Asp Glu Lys Phe Lys Glu Leu Thr Ser Gly Ile Asp Tyr Thr Lys
 145 150 155 160
 Pro Gln Glu Lys Gly Cys Glu Thr Ser Ala Lys
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<210> 10
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<210> 11
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 <213> Artificial Sequence

<220>
 <223> Synthetic oligonucleotide

<400> 11
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<210> 12
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<221> variant

<222> (6)...(6)

<223> s is c or g

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<221> variant

<222> (7)...(7)

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<221> variant

<222> (10)...(10)

<223> n is a, c, g, or t

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<221> variant

<222> (11)...(11)

<223> w is a or t

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<221> variant

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<223> s is c or g

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<221> variant

<222> (13)...(13)

<223> n is a, c, g, or t

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<221> variant

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<221> variant

<222> (19)...(19)

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<210> 13

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Synthetic Oligonucleotide

<400> 13

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18

<210> 14

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

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<400> 14
cgtccaatcg gttgaag 17

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<212> DNA
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<220>
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<213> Ornithodoros moubata

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<223> Synthetic peptide

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<223> Xaa is any amino acid sequence

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1
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5

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10 15